

Converting Colors

XYZ(56.3854, 58.1568, 61.3482)

Have a look what the booklet for
XYZ(56.3854, 58.1568, 61.3482)
contains.

XYZ(56.5139, 58.2880, 61.0954)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.5139, 58.2880,
61.0954)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C7C5
RGB	208, 199, 197
RGB Percent	82%, 78%, 77%
CMY	0.1843, 0.2196, 0.2274
CMYK	0.00, 0.04, 0.05, 0.18
HSL	11°, 10%, 79%
HSV	11°, 5%, 82%
XYZ	56.5139, 58.2880, 61.0954
YIQ	201.4630, 6.0060, 1.2860

Conversions

Conversions Part 2

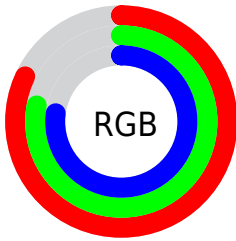
Format	Color
R_{YB}	208, 199, 197
Decimal	13682629
CIE _{Lab}	80.90, 2.78, 2.11
CIE _{LCh}	81, 3.486, 37.168
Yxy	58.2880, 0.3213, 0.3314
Android (android.graphics.Color)	4291872709 (0xFFD0C7C5)
YUV	201.4630, -2.2003, 5.7329
Hunter-Lab	76.3466, -1.4758, 5.9965

Details

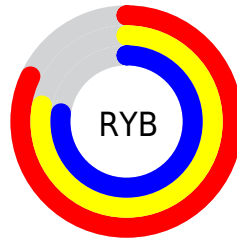
The XYZ color **56.5139, 58.2880, 61.0954** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4823, 60.5660, 68.3887**, and the grayscale version is **55.8167, 58.7235, 63.9499**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **28.4098, 29.1040, 30.1069** is the 20% darker color. If you saturate the color by 10%, you get **50.5959, 50.0061, 48.1642**, and if you desaturate by 10%, it is **63.2017, 67.5817, 75.9070**.

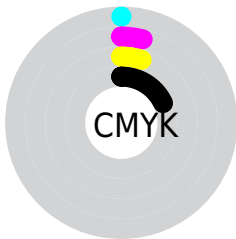
Distribution



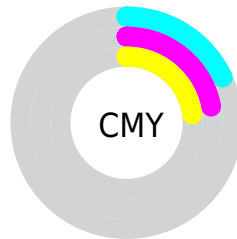
- Red (82%)
- Green (78%)
- Blue (77%)



- Red (82%)
- Yellow (78%)
- Blue (77%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5139, 58.2880, 61.0954 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 56.5139, 58.2880, 61.0954 by changing the saturation by 10% instead.

■ 56.5139, 58.2880,
61.0954

■ 56.5139, 58.2880,
61.0954

401.6690,
418.2582, 446.5399

■ 40.8537, 42.0402,
43.8711

98.8910, 102.3421,
107.9759

■ 28.3920, 29.1328,
30.2327

126.3387,
130.9173, 138.4692

■ 18.7633, 19.1813,
19.7618

158.4462,
164.3704, 174.2227

■ 11.6024, 11.8014,
12.0396

195.5789,
203.0857, 215.6547

■ 6.5438, 6.6086,
6.6478

238.1022,
247.4478, 263.1839

■ 3.2222, 3.2185,
3.1677

286.3814,

■ 1.2724, 1.2469,

297.8410, 317.2288

1.1809

340.7819,
354.6497, 378.2080

■ 0.1624, 0.0995,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5139, 58.2880,
61.0954

■ 56.5139, 58.2880,
61.0954

■ 50.5959, 50.0061,
48.1642

■ 63.2017, 67.5817,
75.9070

■ 45.4149, 42.6942,
37.0345

■ 70.6806, 77.9118,
92.6663

■ 40.9433, 36.3191,
27.6270

■ 78.2603, 89.0252,
107.6666

■ 37.1497, 30.8425,
19.8554

■ 79.8227, 92.1501,
108.1874

■ 34.0002, 26.2236,
13.6258

■ 31.4580, 22.4186,
8.8345

■ 29.4825, 19.3793,
5.3652

■ 28.0277, 17.0526,
3.0832

■ 27.0397, 15.3781,
1.8246

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.7889, 58.2880, 62.9712



56.5139, 58.2880, 61.0954



55.9411, 58.2880, 59.8738

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.5139, 58.2880, 61.0954



54.1322, 58.2880, 61.9364



55.5743, 58.2880, 67.4901

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56.5139, 58.2880, 61.0954



56.4823, 60.5660, 68.3887

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.8644, 58.2880, 67.1985



56.5139, 58.2880, 61.0954



54.0359, 58.2880, 63.9628

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.5139, 58.2880, 61.0954



54.5670, 58.2880, 60.3519



54.3028, 58.2880, 65.8966



56.2434, 58.2880, 66.6848

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.5139, 58.2880, 61.0954



55.4696, 58.2880, 59.5794



54.3028, 58.2880, 65.8966



55.3325, 58.2880, 67.5174

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56.5155, 58.2905, 61.0967



92.9234, 97.0434, 104.1940



57.1403, 57.8076, 66.6458



19.9117, 20.8023, 22.3511



0.0000, 0.0000, 0.0000



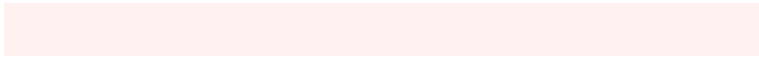
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.5155, 58.2905, 61.0967



88.8209, 91.3281, 95.1513



57.7634, 60.7863, 61.5126



12.3622, 12.6849, 13.1628



16.6935, 9.3200, 0.9191



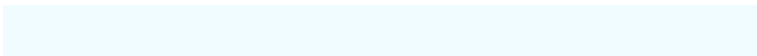
0.9872, 0.6287, 0.0693

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



56.4823, 60.5660, 68.3887



88.7607, 95.4474, 108.3527



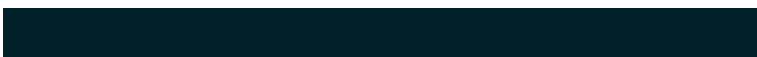
55.2209, 58.0433, 67.9682



12.3530, 13.3085, 15.1614



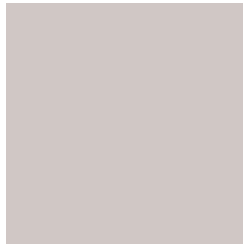
16.1331, 20.9128, 40.3788



0.9509, 1.2669, 2.2740

Previews

White Background



This preview shows how the XYZ color 56.5139, 58.2880, 61.0954 looks on a white background.

Color Contrast Check

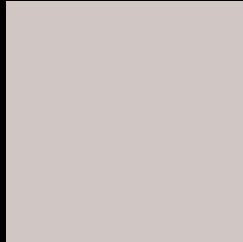
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 56.5139, 58.2880, 61.0954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

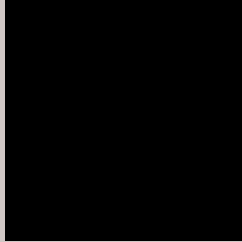
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.5139, 58.2880, 61.0954

Background



This preview shows how black text looks on a background with the XYZ color 56.5139, 58.2880, 61.0954.

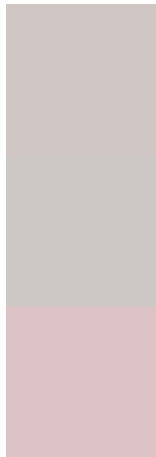


This preview shows how white text looks on a background with the XYZ color 56.5139, 58.2880,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

56.5139, 58.2880, 61.0954

Protanopia

56.0242, 58.3649, 61.7388

Deuteranopia

59.3036, 58.0329, 61.5019



Tritanopia

58.4283, 58.3876, 70.4778

Trichromacy



Original Color

56.5139, 58.2880, 61.0954

Protanomaly

56.3009, 58.5076, 61.7518

Deuteranomaly

58.2519, 58.1560, 61.5811

Tritanomaly

57.7511, 58.4485, 67.2694

Monochromacy



Original Color

56.5139, 58.2880, 61.0954

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.9814, 58.3161, 62.9492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5139, 58.2880, 61.0954 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(208, 199, 197) looks like.

```
.text, #text, p{  
    color:rgb(208, 199, 197)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(208, 199, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 199, 197) }
```

Border

The CSS property to change the border of an element to XYZ 56.5139, 58.2880, 61.0954 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 199, 197) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(208, 199, 197) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(208, 199, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 199, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 199, 197);  
box-shadow:4px 4px 4px 4px rgb(208, 199,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5139, 58.2880, 61.0954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 199, 197) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(208,  
199, 197) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor